

Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions

Brand: IRiS

Report Number: P1260962

Luminaire Tested: P3AS24R159050D010 E3DLP1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1260962
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-1)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS24R159050D010 E3DLP1MW
Description: 3in Adjustable LED luminaire with, R15 optic, 5000K CCT AND, 90CRI , E3DLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

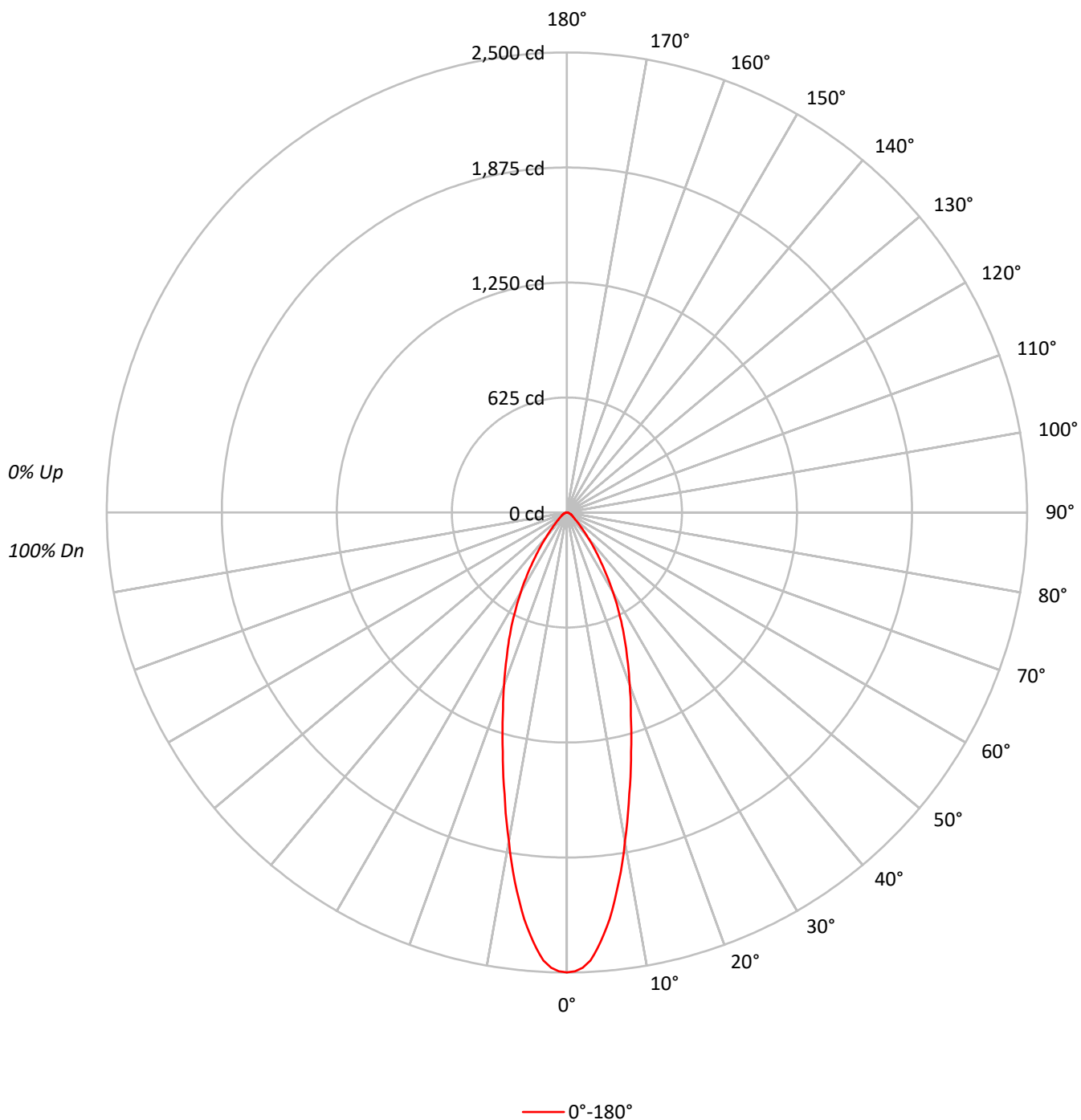
Lumens per Lamp: N/A
Luminaire Lumens: 1271.0 lumens
Efficiency: N/A
Efficacy: 44.1 lumens/watt
Spacing Criteria (0/90/45): 0.52 / 0.52 / 0.61
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 28.8
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

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Luminous Intensity Polar Plot



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20
RC	80				70				50				30				10
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		50
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	113	110	108	106	111	108	106	104	104	102	101		100	99	98		97
2	108	103	98	95	105	101	97	94	98	95	92		95	92	90		92
3	102	96	91	87	100	94	90	86	92	88	85		89	86	83		87
4	97	90	84	80	95	88	83	79	86	82	78		84	81	78		82
5	93	84	78	74	91	83	78	74	81	77	73		80	76	72		78
6	88	79	73	69	87	79	73	69	77	72	69		76	71	68		74
7	84	75	69	65	83	74	69	65	73	68	64		72	67	64		71
8	80	71	65	61	79	71	65	61	69	64	61		68	64	61		67
9	77	68	62	58	76	67	62	58	66	61	58		65	61	57		64
10	74	64	59	55	73	64	59	55	63	58	55		62	58	55		62

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	548092
5°	506558
10°	404424
15°	305496
20°	232630
25°	177276
30°	126982
35°	82878
40°	50809
45°	30732
50°	20434
55°	15789
60°	13595
65°	11778
70°	10579
75°	10506
80°	7829
85°	5284

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 30732 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	203.9	16.0
10°-20°	376.1	29.6
20°-30°	334.9	26.3
30°-40°	198.1	15.6
40°-50°	81.3	6.4
50°-60°	38.2	3.0
60°-70°	23.2	1.8
70°-80°	12.2	1.0
80°-90°	3.1	0.2
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	914.8	72.0
0°-40°	1113.0	87.6
0°-60°	1232.5	97.0
0°-90°	1271.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1271.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2500	
5°	2301	204
15°	1346	376
25°	733	335
35°	310	198
45°	99	81
55°	41	38
65°	23	23
75°	12	12
85°	2	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	2499.5
1°	2493.3
2°	2474.7
3°	2437.5
4°	2375.6
5°	2301.3
6°	2220.8
7°	2125.9
8°	2026.8
9°	1925.7
10°	1816.3
12.5°	1566.5
15°	1345.7
17.5°	1155.8
20°	996.9
22.5°	856.5
25°	732.7
27.5°	613.0
30°	501.5
32.5°	400.4
35°	309.6
37.5°	237.4
40°	177.5
42.5°	132.1
45°	99.1
47.5°	76.4
50°	59.9
52.5°	49.5
55°	41.3
57.5°	35.1
60°	31.0
62.5°	26.8
65°	22.7
67.5°	20.6
70°	16.5
72.5°	14.4
75°	12.4
77.5°	8.3
80°	6.2
82.5°	4.1
85°	2.1
87.5°	2.1
90°	0.0

(END OF REPORT)